



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
PTO-1449

DOCKET NO.
10434/60701

SERIAL NO.
10/693,091

APPLICANT
HUANG et al.

FILING DATE
October 23, 2003

GROUP
1753

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	3,427,663	June 27, 1995	Austin et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	J. C. Giddings, <i>Unified Separation Science</i> (Wiley, New York, 1991)
	J. C. Giddings, <i>Nature</i> 184, 357 (1959)
	Chou, C. F. et al., <i>Proc. Natl. Acad. Sci.</i> 96, 13762 (1999)
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	Turner, S.W., Cabodi, M., Craighead, H.G. Confinement-induced entropic recoil of single DNA molecules in a nanofluidic structure. <i>Phys Rev Lett.</i> 2002 Mar 25; 88(12):128103
	Huang, L.R., Tegenfeldt, J.O., Kraeft, J.J., Sturm, J.C., Austin, R.H. and Cox, E.C. A DNA prism for high-speed continuous fractionation of large DNA molecules. <i>Nat Biotechnol.</i> 2002 Oct; 20(10):1048-51
	Huang, L.R., Silberzan, P., Tegenfeldt, J.O., Cox, E.C., Sturm, J.C., Austin, R.H. and Craighead, H. Role of molecular size in ratchet fractionation. <i>Phys. Rev. Lett.</i> 89, 178301 (2002)
	N. W. Ashcroft and N. D. Mermin, <i>Solid State Physics</i> (Saunders College Publishing, 1976)
	E. W. Becker et al., <i>Microelectronic Engineering</i> 4 (1986), pages 35 to 56
	H. Becker et al., <i>J. Micromech. Microeng.</i> 8 (1998), pages 24 to 28
	H. C. Berg, <i>Random Walks in Biology</i> , Princeton University Press, New Jersey, 1993, p. 56

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

F Already cited & initialed in TDS of May 06, 2005



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an	5,427,663	June 27, 1995	Austin et al.	204	549	

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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
an	J. C. Giddings, Unified Separation Science (Wiley, New York, 1991). <i>only Table of Contents</i>
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an	C.F. Chou, et al., "Sorting by diffusion: An asymmetric obstacle course for continuous molecular separation", <i>Proc. Natl. Acad. Sci.</i> , Vol. 96, No. 24, pp. 13762-13765 (November 23, 1999).
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an	E. W. Becker et al., "Fabrication of microstructures with high aspect ratios and great structural heights by synchrotron radiation lithography, galvanofarming, and plastic moulding (LIGA process)", <i>Microelectronic Engineering</i> , Volume 4, Number 1, pp. 35-56, May 1986.
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an	H. C. Berg, <i>Random Walks in Biology</i> . Princeton University Press, New Jersey, 1993, p. 56. <i>Table of Contents + pp. 51-56</i>

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Ch. Hernandez

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02/20/06

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